On page 7, fourth paragraph:

Please delete "BRIEF DESCRIPTION OF THE DRAWING" and kindly substitute therefore: --BRIEF DESCRIPTION OF THE DRAWINGS--.

SUB B1 > A1

**IN CLAIMS:**

**CLEAN VERSION OF AMENDED CLAIMS:**

A2

SUB B2 >

1. (amended) An electrical device with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:
two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;
a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;
a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53).

2. (amended) The electrical device according to claim 1, wherein the profile clamp (4,29, 46, 53) exhibits a cross-section of about a C-shape.

A3

SUB B3 >

4. (amended) The electrical device according to claim 3, wherein the side webs (9,10,31, 32, 47, 54) of the profile clamp (4,29, 46, 53) disposed at a distance relative to each other are disposed at one and the same side of the base web (8,30) having a rectangular cross-section under an angle, and

preferably essentially are disposed at a right angle relative to the rectangle base web (8,30).

5. (amended) The electrical device according to claim 3, wherein an ignition punch safe supplemental slot (17, 40, 51, 59) is formed between a stop face (15,38,49,57) of the side webs (9,10,31, 32, 47, 54) of the profile clamp (4,29, 46, 53) and a support face (16,39,50,58) of the casing parts (2,3,23, 24, 45, 56).

6. (amended) The electrical device according to claim 5, wherein the stop face (15,38) of the side webs (9,10,31, 32) of the profile clamp (4,29), the support face (16,39), the casing parts (2,3,23, 24) and the ignition punch safe supplemental slot (17, 40) are disposed parallel to the ignition punch safe slot (7, 28).

8. (amended) The electrical device according to claim 5 further comprising:

the ignition punch safe supplemental slot (17, 40, 59) disposed between the stop face (15,38,57) of the side web (9,10,31, 32, 54) and the support face (16,39,58) of the casing part (2,3,23, 24, 56) and being shorter than the ignition punch safe slot (7, 28) between the two casing parts (2,3,23, 24, 45).

11. (amended) An electrical device with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:

two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;
a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;
a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53);
wherein a face (13,37) of a base web (8,30) of the profile clamp (4,29, 46, 53) together with an outer side (14,36) of at least one of the casing parts (2,23, 24, 56) forms a substantially common plane.

13. (amended) The electrical device according to claim 1, wherein a distance is formed between an inner face (11,33) of a base web (8,30) of the profile clamp (4,29, 46, 53) and a rest face (12,34) of the casing parts (2,23, 24, 56), wherein the distance is less than one mm.

14. (amended) An electrical device with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:
two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;
a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;
a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53);

an additional wall (25) disposed between the two wall parts (23, 24) of the casing (20).

15. (amended) The electrical device according to claim 14 further comprising:
the ignition punch safe slot (28) formed between the wall part (21, 22) of the casing (20) and one side face (26,27) of the additional wall (25).

17. (amended) An electrical device with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:
two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;
a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;
a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53);
wherein ends of two profile clamps (4,29, 46, 53) abut to each other in a casing corner region such that a planar or nonplanar ignition punch safe profile slot (43,60) is formed.

18. (amended) electrical device with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:
two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;

a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;

a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53); wherein a profile is formed at least one end of the profile clamp (4,29, 46, 53) and wherein at an end of a second profile clamp (4,29, 46, 53), in each case a profile is formed out of projections (41) and recesses (42), wherein the projections (41) of the one profile clamp (4,29, 46, 53) engage into the recesses (42) of the other profile clamp (4,29, 46, 53) and wherein an ignition punch safe profile slot (43) is formed between the projections (41) and the recesses (42).

19. (amended) The electrical device according to claim 18, wherein the projections (41) and the recesses (42) of the profile clamp (4,29, 46, 53) are formed as teeth or, respectively, tooth gaps and are of triangular shape.

21. (amended) An electrical device with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:

two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;

a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;

a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53); wherein a corner

region of the profile clamp is formed polygonal and exhibits at least two ignition punch safe profile slots (43).

22. (amended) The electrical device according to claim 3, wherein the profile clamp (4,29, 46, 53) with the base web (8,30) and the side webs (9,10,31, 32, 47, 54) are produced as a single piece of a uniform material.

**MARKED-UP VERSION OF AMENDED CLAIMS:**

1. (amended) An electrical device with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:
two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;
a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;
a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53).

2. (amended) The electrical device according to claim 1, wherein the profile clamp (4,29, 46, 53) exhibits a cross-section of about a C-shape.

4. (amended) The electrical device according to claim 3, wherein the side webs (9,10,31, 32, 47, 54) of the profile clamp (4,29, 46, 53) disposed at a distance relative to each other are disposed at one and the same side of the base web (8,30) [preferably] having a rectangular cross-section under an angle, and preferably essentially are disposed at [the] a right angle relative to the rectangle base web (8,30).

5. (amended) The electrical device according to claim 3, wherein an ignition punch safe supplemental slot (17, 40, 51, 59) is formed between a stop face (15,38,49,57) of the side webs (9,10,31, 32, 47, 54) of the profile

clamp (4,29, 46, 53) and [the] a support face (16,39,50,58) of the casing parts (2,3,23, 24, 45, 56).

6. (amended) The electrical device according to claim 5, wherein the stop face (15,38) of the side [web] webs (9,10,31, 32) of the profile clamp (4,29), [and] the support face (16,39), the casing [part] parts (2,3,23, 24) [as well as] and the ignition punch safe supplemental slot (17, 40) are disposed [in] parallel to the ignition punch safe slot (7, 28).

8. (amended) The electrical device according to claim 5 further comprising:

[an] the ignition punch safe supplemental slot (17, 40, 59) disposed between the stop face (15,38,57) of the side web (9,10,31, 32, 54) and the support face (16,39,58) of the casing part (2,3,23, 24, 56) and being shorter than the ignition punch safe slot (7, 28) between the two casing parts (2,3,23, 24, 45).

11. (amended) [The ] An electrical device [according to claim 1,] with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:

two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;

a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;

a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53);

wherein a face (13,37) of a base web (8,30) of the profile clamp (4,29, 46, 53) together with an outer side (14,36) of at least one of the casing parts (2,23, 24, 56) forms a substantially common plane.

13. (amended) The electrical device according to claim 1, wherein a distance is formed between an inner face (11,33) of a base web (8,30) of the profile clamp (4,29, 46, 53) and a rest face (12,34) of the casing parts (2,23, 24, 56), wherein the distance is [preferably] less than one mm.

14. (amended) [The] An electrical device [according to claim 1 further comprising]

with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:

two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;

a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;

a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53);

an additional wall (25) disposed between the two wall parts (23, 24) of the casing (20).

15. (amended) The electrical device according to claim 14 further comprising:

[an] the ignition punch safe slot (28) formed between the wall part (21, 22) of the casing (20) and one side face (26,27) of the additional wall (25).

17. (amended) [The] An electrical device [according to claim 1,]

with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:

two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;

a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;

a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53);

wherein ends of two profile clamps (4,29, 46, 53) abut to each other in a casing corner region such that a planar or nonplanar ignition punch safe profile slot (43,60) is formed.

18. (amended) [The] electrical device [according to claim 1,]

with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:

two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;
a profile clamp (4,29, 46, 53) connecting the casing parts (2,3,23,24, 45, 56) shape matching against the force of an explosion like internal pressure of the casing;
a slot (7, 28) safe against ignition punch furnished between the wall parts (5,6,21, 22, 48, 55) and the profile clamp (4,29, 46, 53); wherein a profile is formed at least one end of the profile clamp (4,29, 46, 53) and wherein at an end of a second profile clamp (4,29, 46, 53), in each case a profile is formed out of projections (41) and recesses (42), wherein the projections (41) of the one profile clamp (4,29, 46, 53) engage into the recesses (42) of the other profile clamp (4,29, 46, 53) and wherein an ignition punch safe profile slot (43) is formed between the projections (41) and the recesses (42).

19. (amended) The electrical device according to claim [1] 18, wherein the projections (41) and the recesses (42) of the profile clamp (4,29, 46, 53) are formed as teeth or, respectively, tooth gaps and are [preferably] of triangular shape.

21. (amended) [The] An electrical device [according to claim 1,]
with the casing (1,20,44,52) of the ignition protection kind flame proof enclosure "d" comprising:
two casing parts (2,3,23,24, 45, 56) having wall parts (5,6,21, 22, 48, 55), wherein the wall parts (5,6,21, 22, 48, 55) disposed toward each other;